AES 99th Convention Call for Papers, New York, New York (1995 October 5-8) (F). 42:12, p. 1106 (1994)

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AES 5th Australian Regional Convention Call for Papers, Sydney, Australia (1995 April 26–28) (F). 42:7/8, p. 636 (1994)

AES 5th Australian Regional Convention Preliminary Planner, Sydney, Australia (1995 April 26–28) (F). 42:12, insert (1994)

AES 7th Tokyo Regional Convention Call for Papers, Tokyo, Japan (1995 June 21-23) (F). 42:12, p. 1104 (1994)

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AES Standards Committee News: AES3 Interface guidelines document AES-2ID: Progress report by the SC-2-2 Working Group on Digital Input-Output of the SC-2 Subcommittee on Digital Audio (S). 42:3, p. 153 (1994)

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AES Standards Committee News: Correction to: The report of SC-10-1 on network transport systems (S). 42:5, p. 358 (1994)

AES Standards Committee News: AES3 interface guidelines document AES-21D: second progress report by the SC-2-2 Working Group on Digital Input-Output of the SC-2 Subcommittee on Digital Audio (S). 42:5, p. 358 (1994)

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Draft AES-3ID-xxxx, Draft AES information document for digital audio engineering—Transmission of AES3 formatted data by unbalanced coaxial cable (S). 42:7/8, insert (1994)

Draft AES-10ID-xxxx, Draft AES information document for digital audio engineering—Engineering guidelines for the multichannel audio digital interface (MADI) AES10 (S). 42:7/8, insert (1994)

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Draft AES20-xxxx, Draft AES recommended practice for professional audio—Subjective evaluation of loudspeakers (S). 42:10, insert (1994)

AES Standards Committee News: Announcement of the meeting of SC-10-02 Working Group on application protocols of SC-10 Subcommittee on Sound System Control (S). 42:11, p. 934 (1994)

AES Standards Committee News: Report of the SC-03 Subcommittee on Audio Preservation and Restoration: Storage of magnetic and optical media; analog transfer (S). 42:11, p. 934 (1994)

Draft AES26-xxxx, Draft AES recommended practice for professional audio—Conservation of the polarity of audio signals (S). 42:11, insert (1994)

AES Standards Committee News: Proposed revisions to the AES3-1992 jitter specification—Report from the SC-02-02 Working Group on Digital Input/Output of the SC-02 Subcommittee on Digital Audo (S). 42:12, p. 1026 (1994)

Draft AES27-xxxx, Draft AES recommended practice for forensic purposes—Managing recorded audio materials intended for examination (S). 42:12, insert (1994)

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